

Water Resources of Monroe County, New York, Water Years 1989-93, with Emphasis on Water Quality in the Irondequoit Creek Basin

Part 2. Atmospheric Deposition, Ground
Water, Streamflow, Trends in Water Quality,
and Chemical Loads to Irondequoit Bay

U.S. GEOLOGICAL SURVEY
Water-Resources Investigations Report 99-4084

Prepared in cooperation with the
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CONVERSION FACTORS AND VERTICAL DATUM

MULTIPLY	BY	TO OBTAIN
<i>Length</i>		
inch (in.)	2.54	centimeter
foot (ft)	0.3048	meter
mile (mi)	1.609	kilometer
<i>Area</i>		
square mile (mi ²)	2.59	square kilometer
acre	0.40483	hectare
<i>Flow</i>		
cubic foot per second (ft ³ /s)	0.02832	cubic meter per second
inch per year (in/yr)	25.4	millimeter per year
million gallons per day (Mgal/d)	3.785	cubic meters per day
gallons per minute (gal/min)	0.06309	liter per second
gallons per second (gal/s)	0.0010515	liter per second
<i>Volume</i>		
cubic feet (ft ³)	0.02832	cubic meters
<i>Temperature</i>		
degrees Fahrenheit (°F)	°C = 5/9 (°F-32)	degrees Celsius
<i>Specific Conductance</i>		
microsiemens per centimeter at 25° Celsius (mS/cm)		
<i>Equivalent Concentration Terms</i>		
milligrams per liter (mg/L) = parts per million		
micrograms per liter (mg/L) = parts per billion		
<i>Load</i>		
Tons per day (tons/d) 907.1 Kilograms per day		
Pounds per square mile 0.175 Kilograms per square kilometer		

Vertical datum: In this report “sea level” refers to the National Geodetic Vertical Datum of 1929 (NGVD of 1929)—a geodetic datum derived from a general adjustment of the first-order level nets of the United States and Canada, formerly called Sea Level Datum of 1929.